



PN01-0511-2-2

B&K Gas Analyzer

Problem

INEEL's Radioactive Waste Management Complex remediation project needed to analyze vapor samples collected from buried waste in the Subsurface Disposal Area.

Baseline Technology

Analysis of vapor samples at an off-site laboratory.

Innovative Technology

The B&K Gas Analyzer is a commercially available instrument that analyzes volatile organic vapor samples on location.

Comparison

This instrument analyzes vapor samples on-site and reduces the number of samples that are shipped off-site.

Benefits

Use of this analyzer eliminates costs associated with off-site soil vapor analysis and is expected to result in an estimated lifecycle cost avoidance of over \$39.6 million.

ENVIRONMENTAL RESTORATION PROGRAM

Project: ID-ER-107
Radioactive Waste Management Complex Remediation

OST #711

